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From: Michelle Turner for Michael J.

5-08-06 4:28pm p. 1 of 22

Please find attached for filing in connection with application no. 10/020,414, entitled ADAPTIVE ROUTING PROCESS BY DEFLECTION WITH TRAINING BY REINFORCEMENT, the following documents:

- * Issue Fee Transmittal (1 page in duplicate)
- * Statement Under 37 CFR 3.73(b) and copy of Power of Attorney and Patent License Agreement (10 pages)
- * Assignment Recordation Cover Sheet and copy of Patent License Agreement (8 pages).

Thank you,

Michelle Turner for Michael J. Willardson

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- Issue Fee Transmittal (1 page in duplicate)
- Statement Under 37 CFR 3.73(b) and copy of Power of Attorney and Patent License Agreement (10 pages)
- Assignment Recordation Cover Sheet and copy of Patent License Agreement (8 pages).

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Date of Transmission

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PTO/SB/96 (12-05)

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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Commissariat A L'Energie AtomiqueApplication No./Patent No./Control No.: 10/020,414 Filed/Issue Date: 12/18/2001Entitled: ADAPTIVE ROUTING PROCESS BY DEFLECTION WITH TRAINING BY REINFORCEMENTCommissariat A L'Energie Atomique

(Name of Assignee)

a French Public Agency

(Type of Assignee: corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____%)

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A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or a true copy of the original assignment is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

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As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature

Michael J. Willardson, Reg. No. 50,856

Printed or Typed Name

Attorney at Law

Title

Date

5/8/06
503.439.6500

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1460, Alexandria, VA 22313-1460. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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With this submission, Commissariat A L'Energie Atomique ("Assignee") hereby does not revoke any previous powers of attorney given in any patent applications assigned to Assignee according to the USPTO assignment records (or assignment documents attached to this form in accordance with 37 CFR 3.73(b)). Assignee understands that execution of this document is required by the patent laws in order for the attorneys listed below to correspond with the patent office in the aforementioned patent applications and that this document does not create an attorney - client relationship with the practitioners listed below.

Commissariat A L'Energie Atomique
31-33 rue de la Federation
75015 Paris, France



_____ hereby appoints the practitioners associated

with the Customer Number :

00043813

as attorney(s) or agent(s) to represent

Commissariat A L'Energie Atomique

before the United States Patent and

Trademark Office (USPTO) in connection with:



any and all patent applications assigned to _____

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patent applications assigned to Commissariat A L'Energie Atomique

as indicated in licensing documents attached to this form in accordance with 37 CFR 3.73(b).



_____ hereby appoints the following practitioner(s) :

| Name | Registration No. |
|------|------------------|
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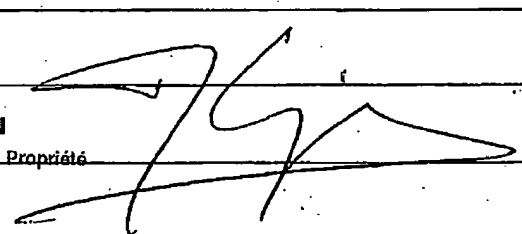
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3.73(b)

to: ☒ The address associated with Customer Number:

00043818

Commissariat A L'Energie Atomique is the:

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

| SIGNATURE on behalf of Applicant or Assignee of Record | | | |
|--|---|-----------|-------------------|
| Name | Marc Cuzin | | |
| Signature |  Marc CUZIN Chef du Service Accords et Propriété Industrielle | | |
| Title | | | |
| Date | Jay 4 th , 2006 | Telephone | +33.4.38.78.41.33 |

CEA (ref: L6277)

ORIGINAL

XANTIMA LLO

PATENT LICENSE AGREEMENT**BETWEEN:**

XANTIMA LLO, a Nevada limited liability company having an office at 2215-B Renaissance Drive,
Suite 5, Las Vegas, Nevada 89119

Hereinafter referred to as "Licensee"

AND:

THE COMMISSARIAT A L'ENERGIE ATOMIQUE, a French public agency, having its principal
registered office at 81-98 rue de la Federation, 75016 Paris, France, represented by M. Bernard
Barbier, Director of the LETI (Laboratory of Electronics and Information Technologies of CEA)

Hereinafter referred to as "CEA"

CEA and Licensee may each be referred to individually as a "Party" or collectively as "Parties".

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- 1.8 "Licensed Patents" means each of the patents and pending patent applications as listed in *Exhibit A-1*, *Exhibit A-2*, hereto, and all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, and divisions of such patents and applications; and foreign counterparts to any of the foregoing including without limitation utility models.

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[illegible]

PAGE 12/22 * RCVD AT 5/8/2006 7:28:32 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-6/28 * DNIS:2738300 * CSID:503-439-6558 * DURATION (mm-ss):13-34

EXHIBIT A-1

Patent Rights To Be granted on an exclusive basis

| Patent Reference | Country | Application Number | Date | Publication Number | Patent Number | Status | Date |
|---------------------|---------------------|-----------------------|--------------------------|-----------------------|------------------|------------------|--------------------------|
| DD1502 | US | 00/108544 | 05/10/1998 | 2770059 | 0847412 | granted | 12/02/2002 |
| | FR | 9713239 | 22/07/1997 | | 9718289 | granted | 19/11/1999 |
| | EP (DE GB IT) | 08402807/0 | 20/10/1998 | | 017209 | granted | 22/12/2004 |
| DD1503 | US | 00/108542 | 05/10/1998 | 2770060 | 0840109 | granted | 19/02/2002 |
| | FR | 9713239 | 22/10/1997 | | 9718289 | granted | 19/11/1999 |
| | EP (DE GB IT) | 08402806/2 | 20/10/1998 | | 017209 | published | 19/06/1999 |
| DD1504 | US | 00/108543 | 05/10/1998 | 2770059 | 0835947 | granted | 01/01/2002 |
| | FR | 9713237 | 22/10/1997 | | 9718287 | granted | 19/11/1999 |
| | EP (DE GB IT) | 08402805/1 | 20/10/1998 | | 011891 | granted | 22/12/2004 |
| DD1719 | US | 00/288919 | 12/08/1999 | 2778999 | 0114949 | granted | 02/07/2002 |
| | FR | 9903556 | 24/03/1999 | | 9903500 | granted | 06/05/2000 |
| | EP (DE GB IT) OA | 99400700/3 2208810 | 22/03/1999 22/03/1999 | | 045998 | granted filed | 19/05/2005 24/11/2003 |
| DD1816 | US | 00/393298 | 10/09/1999 | 2788987 | 0021856 | granted | 18/09/2003 |
| | FR | 9911885 | 11/09/1999 | | | published | 31/03/2000 |
| | EP (DE GB IT) | 00402221/6 | 09/09/1999 | | 006189 | published | 15/03/2000 |
| DD1905 | US | 00/608872 | 21/08/2000 | 2795009 | 0018300 | granted | 11/02/2004 |
| | FR | 9908478 | 01/07/1999 | | 9908478 | granted | 17/03/2001 |
| | EP (DE GB IT) | 00401857/6 | 29/08/2000 | | 1095797 | published | 08/01/2004 |
| DD2117 | US | 10/020414 | 10/12/2001 | 2008-145111 | | published | 31/07/2003 |
| | FR | 0018928 | 22/12/2000 | | 2010850 | granted | 31/01/2003 |
| | EP (DE GB IT) | 01403917/9 | 20/12/2001 | | 1285901 | published | 20/03/2002 |
| DD2222 | US | 10/412105 | 11/04/2003 | 2004-52308 | | published | 18/03/2004 |
| | FR | 204818 | 12/04/2002 | | 2038692 | granted | 21/05/2004 |
| | EP | 03100970/7 | 10/04/2003 | | 1447818 | published | 18/05/2004 |
| | JP | 2003/105948 | 10/04/2003 | | 2003818882 | published | 07/11/2003 |

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EXHIBIT A-2

Patent Rights To Be granted on a non-exclusive basis

| Patent Application | Country | Application Number | Date | Publication Number | Patent Number | Status | Date |
|-----------------------|---|---|--|---|-------------------------------|---|--|
| DD1804 | US WO FR EP (DE GB IT) | 10/102484 01/00204 1104 01004001/2 | 00/01/2001 00/01/2001 01/01/2000 00/01/2001 | 2003-161907 01/50037 2004560 | 1262722 | published expired published granted | 28/00/2000 00/00/2000 03/00/2001 28/00/2001 |
| DD1104 | US WO FR EP | 10/100447 01/04218 17285 01008668/7 | 27/12/2001 27/12/2001 10/12/2000 27/12/2001 | 2004-0047915 02/064811 2010125 1906400 | 17205 | published expired granted published | 08/11/2001 27/00/2001 02/04/2001 24/00/2000 |
| DD1107 | US FR OA EP (DE GB IT) | 08/747262 0514822 2101651 | 12/11/1998 04/12/1998 20/11/1998 | 2742014 | 5700085 0514822 770077 | granted granted abandoned granted | 26/00/1999 08/01/1999 11/20/2000 14/00/2002 |
| DD1604 | US FR EP (DE GB IT) | 00/000260 0014071 074020058 | 07/11/1997 20/11/1998 27/11/1997 | 2766602 846887 | 0003504 0014071 | granted granted published | 06/10/1999 00/01/1999 03/00/1998 |
| DD1838 | US WO FR EP (DE GB IT NL) | 10/030160 00/02177 0000947 00960844/7 | 20/07/2000 20/07/2000 30/07/1999 20/07/2000 | 01/10051 2707122 1100800 | | filed expired published published | 20/07/2000 20/03/2000 02/02/2001 24/04/2002 |
| DD2034 | US WO FR EP (DE GB IT NL) | 10/049489 01/01028 007681 01045412/3 | 13/06/2001 13/06/2001 14/06/2000 13/06/2001 | 20020156285 01/07898 2010477 1200800 | 007501 | published expired granted published | 13/02/2001 18/12/2001 26/07/2002 12/03/2000 |
| DD2005 | US WO FR EP | 10/450016 01/04214 17206 01008668/5 | 27/12/2001 27/12/2001 20/12/2000 27/12/2001 | 20040022800 02/064812 2010125 1848490 | 17206 | published expired granted published | 02/05/2001 27/00/2001 21/03/2000 24/00/2000 |
| DD1778 | US WO FR OA EP (FR DE ES GB IT) | 09/701891 00/01207 00 00052 00023640/2 | 02/06/1999 02/06/1999 03/00/1999 02/06/1999 | 00/03678 2 779 500 | 1004535 1004535 | filed expired abandoned abandoned granted | 02/06/1999 02/02/2000 00/04/2000 10/10/2000 04/12/2002 |
| DD1873 | US FR EP (DE GB IT) | 00/538511 0004172 00400877/7 | 30/03/2000 02/04/1999 00/03/2000 | 2701841 | 0070338 0004172 1041730 | granted granted granted | 13/01/2001 11/05/2001 26/02/2001 |
| DD1807 | US FR EP (DE GB IT) | 00/505003 0000908 00401810/4 | 20/06/2000 20/06/1999 26/00/2000 | 2795004 | 0000908 1005049 | filed granted granted | 20/06/2000 05/10/2001 09/04/2000 |
| DD2001 | US FR EP (DE GB IT) | 00/535548 0010001 01402220/0 | 24/08/2001 20/00/2000 24/00/2001 | 2013474 1104000 | 0010001 | filed granted published | 24/00/2001 13/12/2002 06/03/2002 |

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